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43. The isolated nucleic acid molecule of claim ¹39, operatively linked to a regulatory element.

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53. A method of diagnosing infectious laryngotracheitis virus which comprises: (a) obtaining a nucleic acid molecule from a suitable bodily fluid of a subject; (b) contacting the nucleic acid molecule with the labelled nucleic acid molecule of claim 39 under hybridizing conditions; and (c) determining the presence of the nucleic acid molecule hybridized, the presence of which is indicative of infectious laryngotracheitis virus glycoprotein D in the subject, thereby diagnosing infectious laryngotracheitis virus in the subject.

Sub B3
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87. (new) A recombinant DNA molecule comprising DNA encoding infectious laryngotracheitis virus glycoprotein D.

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88. (new) The recombinant DNA molecule of claim 87, wherein the DNA encoding the infectious laryngotracheitis virus glycoprotein D comprises genomic DNA.

Sub B4
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89. (new) The recombinant DNA molecule of claim 87, wherein the DNA encoding the infectious laryngotracheitis virus glycoprotein D is operatively linked to a regulatory element.